Step1: Attach the ACS to the AKS cluster. I would be using AZCLI

Command: *az aks update -n aksClusterName -g rgName –attach-acr acrName*

Step2: Create service connection to ACR and AKS (along with target namespace)

Explanation of the pipeline.yml

* Consists of 2 stages namely “build” and “deploy”

**Explanation the stages:**

* Build stage leverages the initial service connection we setup for ACR in order to ensure safe authentication.
* Build stage uses Docker tasks of ADO and builds the image. Also, the same stage performs push of the image by tagging it based on the requirement *“<image\_name>:<build\_id>”*
* Deploy stage has a bash call and a task. Bash calls a simple bash to create a sample deployment file that uses the image in the prescribed format.
* Task uses the ADO Kubernetes task to apply the deployment file that was generated in the previous step.